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(54) DEVICE FOR FOOT ZONE THERAPY

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(58) Field of Classification Search

See application file for complete search history.

(56) References Cited

(10) Patent No.:

U.S. PATENT DOCUMENTS

2,045,814 A 2,467,943 A		Werler Mikell, Jr.
3,565,064 A	2/1971	
4,142,519 A *	3/1979	Ferguson A61H 15/00
		601/118
4,422,449 A *	12/1983	Hamabe A61H 1/00
		601/102
6,068,605 A *	5/2000	Bjørnsti A61H 15/00
		601/119

(Continued)

FOREIGN PATENT DOCUMENTS

DE 9011242 U1 10/1990 DE 9209023 U1 11/1992 (Continued)

OTHER PUBLICATIONS

European Search Report issued in related European Application No. 10 17 3555 on Jan. 21, 2011.

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(57) ABSTRACT

The invention relates to a device for foot zone therapy. The device includes a frame (1,11), and a base (2,12) provided with knobs (3a) for pressing the foot sole against. The knobs (3a) are laid out in an area essentially consistent with the length and shape of a foot sole. The base (2,12) is either a rotatable roll (2) or a panel (12) divided for discrete zones (A,B,C,D), whereby rotating the roll or changing a relative height position of the zones in the flat panel enables the foot sole to be contacted alternately with various knobby zones. The device is adapted for such an operation that the effect of the knobs (3a) always proceeds from heel towards toes.

6 Claims, 4 Drawing Sheets



